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BRITISH STANDARD 1831 : 1961
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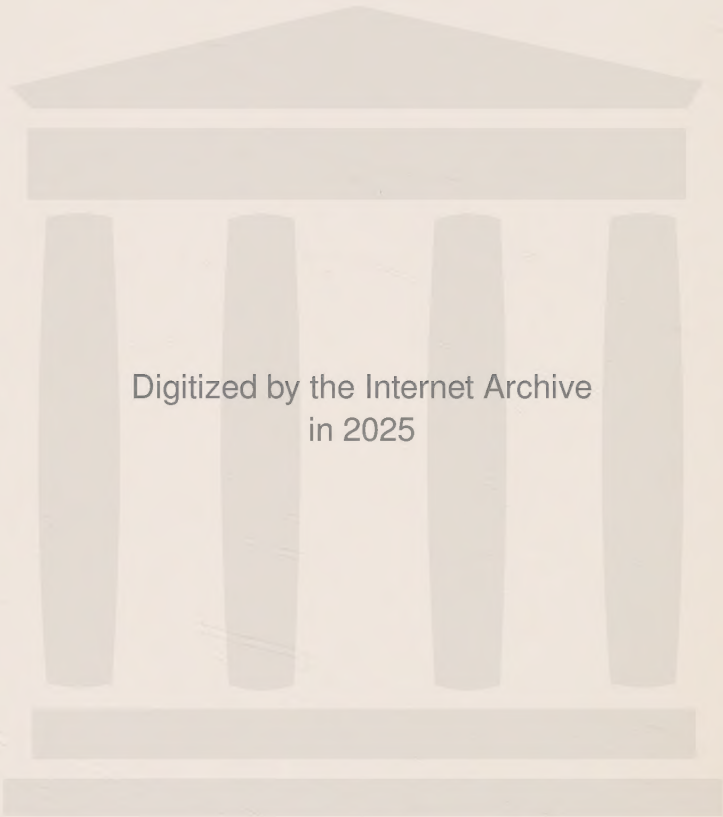
Recommended Common Names for Pesticides

BRITISH STANDARDS INSTITUTION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RECOMMENDED COMMON NAMES FOR PESTICIDES

B.S. 1831 : 1961

Price 15/- net

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THIS BRITISH STANDARD, having been approved by the Pest Control Products Industry Standards Committee and endorsed by the Chairman of the Chemical Divisional Council, was published under the authority of the General Council on 7th September, 1961.

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Supplement No. 1, August, 1959.
Supplement No. 2, July, 1960.
Special announcements in B.S.I. News, August, September, October and December, 1960 and January, 1961.

The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

In order to keep abreast of progress in the industries concerned, British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 4000, indexed and cross-indexed for reference, together with an abstract of each standard, will be found in the Institution's Yearbook, price 15s.

This standard makes reference to the following British Standard:

B.S. 2474, 'Recommended names for chemicals used in industry'.

British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions.

The following B.S.I. references relate to the work on this standard:
Committee reference PCC/1.
Drafts for comment A(PCC) 8043, A(PCC) 9414, AA(PCC) 1439, AA(PCC) 2396 and AA(PCC) 3405.

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CO-OPERATING ORGANIZATIONS

The Pest Control Products Industry Standard Committee, under whose supervision this British Standard was prepared, consists of representatives from the following industrial organizations:

Association of British Chemical Manufacturers
*Association of British Manufacturers of Agricultural Chemicals
*Association of British Sheep and Cattle Dip Manufacturers
*Industrial Pest Control Association
Royal Society for the Promotion of Health

The industrial organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

Association of Applied Biologists
British Pharmacopoeia Commission
British Veterinary Association
British Weed Control Council
Chemical Society
Commonwealth Institute of Entomology
Commonwealth Mycological Institute
D.S.I.R. Tropical Products Institute
Ministry of Agriculture, Fisheries and Food
Society of Chemical Industry

BRITISH STANDARD

RECOMMENDED COMMON NAMES FOR PESTICIDES

FOREWORD

During the last 25 years great advances have been made in the development of chemicals for pest control. In the past 20 years in particular, many new compounds have been marketed on a world-wide scale for use in agriculture, industry, medicine and in veterinary practice. The chemical names of these compounds have been, in many instances, too complicated for common use, and shortened forms and trade names have been devised. As several of these may apply to the same chemical compound, confusion has arisen in commercial descriptions of products and also in the technical literature.

The problem was discussed at the Commonwealth Entomological Conference in 1948, and the recommendations made at the Conference resulted in the appointment of a technical committee of this Institution to prepare a British Standard list of common names for established pesticides, which include insecticides, acaricides, nematicides, fungicides, herbicides and rodenticides.

These names do not conflict with proprietary names, but are intended for common use to assist users in the identification of the active ingredients of pest control products having otherwise cumbersome technical names. It is emphasized that these names are in no way proprietary, but in order to pre-empt as far as possible their availability as common names they have been recorded, though not registered as trade marks, by H.M. Patent Office. This protection is restricted to the United Kingdom, however, and B.S. common names may sometimes be found as registered proprietary names in certain other countries. Such registration can often be prevented by similar action being taken by standards organizations in other countries. Manufacturers are encouraged to put forward names for consideration by the technical committee.

The technical committee maintains liaison with the Commonwealth countries as well as with the appropriate committees in the United States, Canada and European countries.

The first chemical name assigned to each compound is in accordance with the principles recommended by The Chemical Society, London. In many cases other chemical names commonly used are also given. Where possible, only the pure active ingredients have had common names assigned to them, and an endeavour has been made to avoid, with a few outstanding exceptions, the use of initials and numbers. These exceptions are made in the cases of compounds which are already so well known by initials, such as DDT and BHC, that another name would only cause confusion.

This British Standard correlates the recommended common names for pesticides with the chemical names and the formulae. Both kinds of names are also indexed for convenient reference. The index may afford guidance on the preferred alphabetical arrangement of these names to those concerned with indexing and abstracting.

This revision includes all the names previously published in B.S. 1831: 1957, and Supplements 1 and 2, together with other names more recently adopted. They are arranged in alphabetical order, and instead of grouping the compounds in classes according to their application, the class is now given in a separate column for ease of reference. For clarification a further column gives other non-proprietary names which commonly occur in the literature.

The compilation of further collective supplements to the standard entails delay in making new approved names available for use, and in order to obviate this delay it has been decided to publish the names in B.S.I. News* as they are approved.

RECOMMENDATIONS

SCOPE

1. This British Standard list of recommended common names applies to the pest control chemicals specified in the tables.

STYLE

2. In contrast to proprietary names the recommended common names should be written or printed without capital letters, e.g. heptachlor, parathion. In the exceptional cases where the names are formed from initials, they should be written in capitals without intervening full stops, e.g. DDT.

Where numerals and letters both occur in the same common name the numbers should be separated from one another by commas and from letters by hyphens.

PURITY

3. The common name normally applies to the 100 per cent pure chemical, but in exceptional cases it may be given to a material of uncertain composition or mixture, e.g. toxaphene, or a racemic mixture, e.g. mecoprop.

PRINCIPLES

4. The guiding principles below have been followed in the preparation of this British Standard.

a. Normally no compound should be given a common name if its chemical name is reasonably short and distinctive, e.g. metaldehyde. Appendix B

* Details of subscription rates to B.S.I. News may be obtained from British Standards Institution, British Standards, House, 2, Park Street, London, W.1.

contains a list of such names together with other names, mostly of the organo-mercury compounds used in seed dressings, to which it is deemed unnecessary to assign a recommended common name under this British Standard.

b. It is a normal procedure where a chemical is of foreign origin to give:

(i) the country concerned first opportunity to suggest a name.

(ii) preferential consideration to any name already officially adopted elsewhere.

c. Common names should:

(i) be short (preferably not more than 3 syllables),

(ii) be distinctive in sound and spelling,

(iii) be, if possible, derived from the scientific chemical name, e.g. where a chemical contains a distinctive or unusual chemical group it is desirable to indicate this in the common name.

Consideration should be given, wherever possible, to developing new short names for large radicals so as to reduce long chemical names to comparatively simple ones, e.g. fen as an abbreviation for phenyl, but ph is retained to indicate the f sound in phosphorus.

(iv) normally be assigned, in the case of salts or esters, to the parent acid or base; the nature of a salt or ester should be indicated by a suffix, e.g. in writing by the use of the shorter chemical symbols, endothal-Na, but dodine acetate is preferable. Exceptions include zineb, nabam and certain organo-phosphorus esters.

Where a symbol, such as Na, is used as a suffix it is more convenient to refer in speech, for example, to endothal-sodium.

d. Common names should **not**:

(i) be liable to confusion with common or trade names already in use,

(ii) be difficult to pronounce or remember,

(iii) be composed of initials and should not include numerals except where extensive use has already established such names,

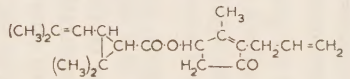
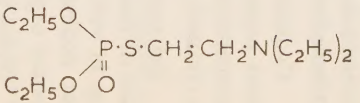
(iv) contain syllables of misleading chemical significance.

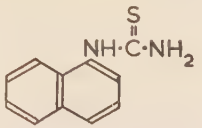
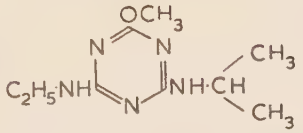
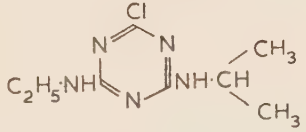
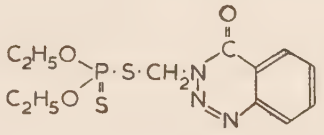
e. A proprietary name may be considered as a common name provided that no trade mark rights are reserved in any country.

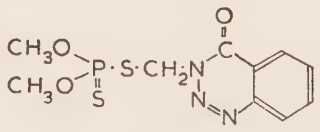
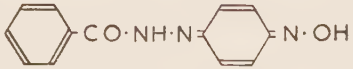
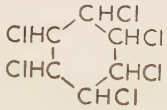
TABLES

CLASS 1. INSECTICIDES OR ACARICIDES. CLASS 2. FUNGICIDES.

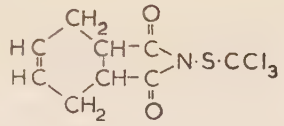
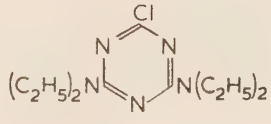
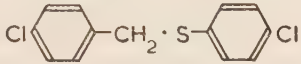
CLASS 3. HERBICIDES. CLASS 4. RODENTICIDES.

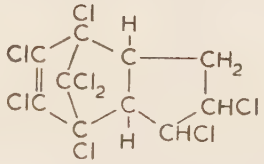
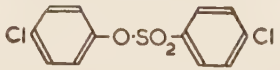
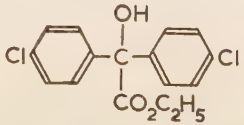
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
aldrin	A product containing 95 per cent of **HHDN** (q.v.)	—	—	—	1
allethrin	**(±)-3-allyl-2-methyl-4-oxocyclopent-2-enyl (±)-(*cis*- + *trans*-)chrysanthemum-monocarboxylate** DL-2-allyl-4-hydroxy-3-methylcyclopent-2-en-1-one, esterified with a mixture of *cis*- and *trans*-DL-chrysanthemum-monocarboxylic acid		—	—	1
amiton	***S*-(2-diethylaminoethyl) diethyl phosphorothiolate** *S*-(2-diethylaminoethyl) *OO*-diethyl phosphorothioate		it should be stated which salt is present, e.g. amiton-oxalate	—	1

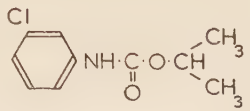
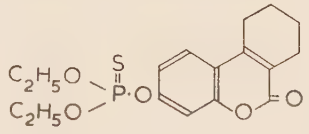
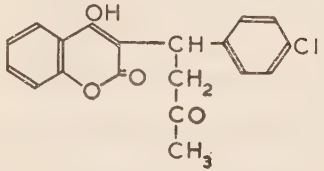
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
antu	**1-naphthylthiourea** α-naphthylthiocarbamide α-naphthylthiourea		—	—	4
atraton	**6-ethylamino-4-isopropylamino-2-methoxy-1,3,5-triazine**		—	—	3
atrazine	**2-chloro-6-ethylamino-4-isopropylamino-1, 3, 5-triazine**		—	—	3
azinphos-ethyl	***S*-(3,4-dihydro-4-oxobenzo[*d*]-[1,2,3]-triazin-3-ylmethyl) diethyl phosphorothiolothionate** *S*-(3,4-dihydro-4-oxobenzo[*d*]-[1,2,3]-triazin-3-ylmethyl) *OO*-diethyl phosphorodithioate		—	—	1

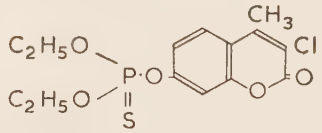
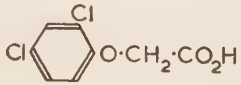
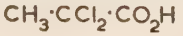
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
azinphos-methyl	***S*-(3,4-dihydro-4-oxobenzo[*d*]-[1,2,3]-triazin-3-ylmethyl) dimethyl phosphorothiolothionate** *S*-(3,4-dihydro-4-oxobenzo[*d*]-[1,2,3]-triazin-3-ylmethyl) *OO*-dimethyl phosphorodithioate *OO*-dimethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate		—	—	1
benquinox	**1,4-benzoquinone *N'*-benzoylhydrazone oxime**		—	—	2
BHC	mixed isomers of: **1,2,3,4,5,6-hexachlorocyclohexane** benzene hexachloride		the percentage of gamma-BHC should be stated, e.g. BHC-13 per cent	HCH	1
gamma-BHC	gamma-isomer of BHC			lindane*	1

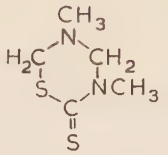
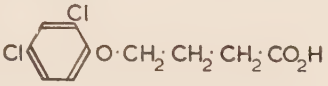
* Lindane denotes a product of specified purity (minimum 99 per cent gamma-BHC).

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
captan	***N*-(trichloromethylthio)cyclohex-4-ene-1,2-dicarboxyimide** *N*-trichloromethylthio-4-cyclohexene-1,2-dicarboxyimide *N*-(trichloromethylthio)tetrahydrophthalimide		—	—	2
chlorazine	**2-chloro-4,6-bisdiethylamino-1,3,5-triazine**		—	—	3
chlorbenside	**4-chlorobenzyl 4-chlorophenyl sulphide**		—	—	1

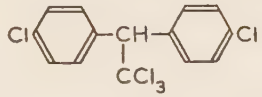
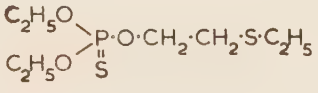
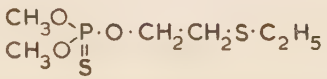
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
chlordane	**1,2,4,5,6,7,10,10-octachloro-4,7,8,9-tetrahydro-4,7-methyleneindane** 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene		—	—	1
chlorfenson	**4-chlorophenyl 4-chlorobenzenesulphonate** *p*-chlorophenyl *p*-chlorobenzenesulphonate		—	CPCBS ovex	1
chloro-benzilate	**ethyl 4,4′-dichlorobenzilate**		—	—	1

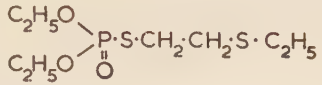
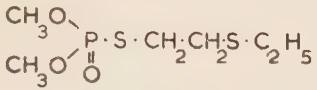
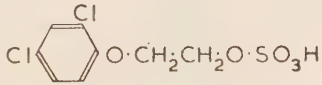
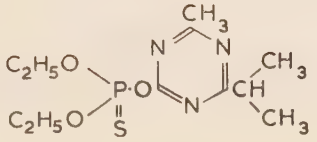
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
chlorpropham	**isopropyl *N*-(3-chlorophenyl)carbamate** *iso*propyl *m*-chlorophenylcarbamate		—	CIPC	3
chromaphon	**diethyl 7,8,9,10-tetrahydro-6-oxobenzo[*c*]chroman-3-yl phosphorothionate** *OO*-diethyl *O*-(7,8,9,10-tetrahydro-6-oxobenzo[*c*]chroman-3-yl) phosphorothioate		—	—	1
coumachlor	**3-(α-acetonyl-4-chlorobenzyl)-4-hydroxy-coumarin**		—	—	4

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
coumaphos	**3-chloro-4-methyl-7-coumarinyl diethyl phosphorothionate** *O*-(3-chloro 4-methyl-7-coumarinyl) *OO*-diethyl phosphorothioate		—	—	1
2,4-D	**2,4-dichlorophenoxyacetic acid**		it should be stated which salt or ester is present, e.g. 2,4-D-Na 2,4-D-Et	—	3
dalapon	**2,2-dichloropropionic acid** $\alpha\alpha$-dichloropropionic acid		it should be stated which salt is present, e.g. dalapon-Na	—	3

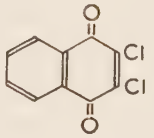
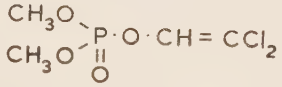
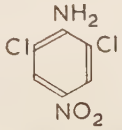
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
dazomet	**tetrahydro-3,5-dimethyl-2*H*-1,3,5-thiadiazine-2-thione**		—	DMTT	2,3
2,4-DB	**4-(2,4-dichlorophenoxy)butyric acid** γ-2,4-dichlorophenoxybutyric acid		it should be stated which salt is present, e.g. 2,4-DB-Na	—	3
DDT	technical **dichlorodiphenyltrichloroethane,** a complex chemical mixture, in which ***pp′*-DDT** predominates	—	the percentage of *pp′*-DDT should be stated	dicophane*	1

* Dicophane is an approved name of the British Pharmacopœia Commission.

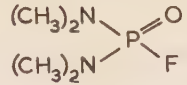
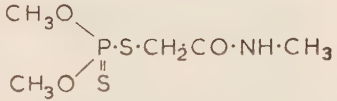
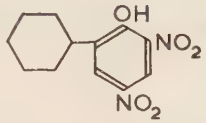
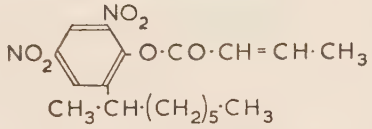
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
pp'-DDT	**1,1,1-trichloro-2,2-di-(4-chlorophenyl)ethane**		—	—	1
demeton	a mixture of **demeton-O** and **demeton-S** (q.v.)	—	—	—	1
demeton-methyl	a mixture of **demeton-O-methyl** and **demeton-S-methyl** (q.v.)	—	—	—	1
demeton-O	**diethyl 2-(ethylthio)ethyl phosphorothionate** *OO*-diethyl *O*-[2-(ethylthio)ethyl] phosphorothioate		—	—	1
demeton-O-methyl	**2-(ethylthio)ethyl dimethyl phosphorothionate** *O*-[2-(ethylthio)ethyl] *OO*-dimethyl phosphorothioate		—	—	1

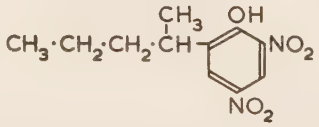
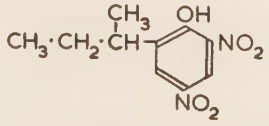
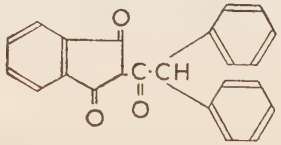
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
demeton-S	**diethyl *S*-[2-(ethylthio)ethyl] phosphorothiolate** *OO*-diethyl *S*-[2-(ethylthio)ethyl] phosphorothioate		—	—	1
demeton-S-methyl	***S*-[2-(ethylthio)ethyl] dimethyl phosphorothiolate** *S*-[2-(ethylthio)ethyl] *OO*-dimethyl phosphorothioate		—	—	1
2,4-DES	**2-(2,4-dichlorophenoxy)ethyl hydrogen sulphate** β-2,4-dichlorophenoxyethyl hydrogen sulphate		it should be stated which salt is present, e.g. 2,4-DES-Na	disul* SES sesin sesone	3
diazinon	**diethyl 2-isopropyl-6-methyl-4-pyrimidinyl phosphorothionate** *OO*-diethyl *O*-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate *OO*-diethyl *O*-4-methyl-2-*iso*propylpyrimid-6-yl phosphorothioate		—	—	1

* Disul is being considered by the International Organization for Standardization for adoption as a common name (see Appendix A).

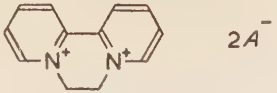
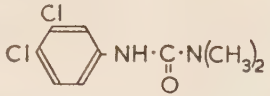
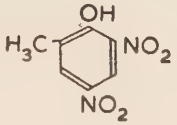
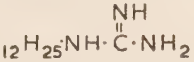
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
dichlone	**2,3-dichloro-1,4-naphthaquinone**		—	—	2
dichlorvos	**2,2-dichlorovinyl dimethyl phosphate**		—	DDVP	1
dicloran	**2,6-dichloro-4-nitroaniline**		—	—	2
dieldrin*	a product containing 85 per cent of **HEOD** (q.v.)	—	—	—	1

* Dieldrin is an approved name of the British Pharmacopœia Commission.

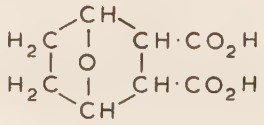
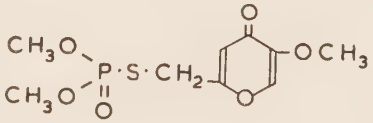
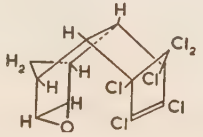
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
dimefox	***NNN'N'*-tetramethylphosphorodiamidic fluoride** bis(dimethylamino)fluorophosphine oxide		—	BFPO DIFO	1
dimethoate	**dimethyl *S*-(*N*-methylcarbamoylmethyl) phosphorothiolothionate** *OO*-dimethyl *S*-(*N*-methylcarbamoylmethyl) phosphorodithioate		—	—	1
dinex	**2-cyclohexyl-4,6-dinitrophenol** 2,4-dinitro-6-cyclohexylphenol		it should be stated which salt is present, e.g. dinex-Na	DNOCHP	1,3
dinocap	**2-(1-methyl-n-heptyl)-4,6-dinitrophenyl crotonate** 2,4-dinitro-6-(2-octyl)phenyl crotonate		—	DNOPC	2

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
dinosam	**2-(1-methyl-n-butyl)-4,6-dinitrophenol** 2,4-dinitro-6-s-amylphenol		it should be stated which salt it present, e.g. dinosam-Na	DNAP DNSAP DNOSAP	1,3
dinoseb	**2-(1-methyl-n-propyl)-4,6-dinitrophenol** 2,4-dinitro-6-s-butylphenol 6-*sec*butyl-2,4-dinitrophenol		it should be stated which salt is present, e.g. dinoseb-Na	DNBP DNSBP DNOSBP	1,3
diphacinone	**2-diphenylacetylindane-1,3-dione**		—	diphena-dione*	4

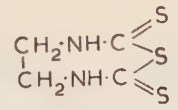
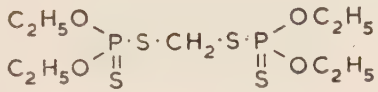
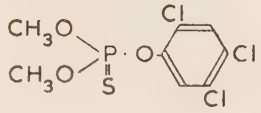
* Diphenadione is an approved name of the British Pharmacopœia Commission.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
diquat*	**9,10-dihydro-8a,10a-diazoniaphenanthrene-2*A*** 1,1′-ethylene-2,2′-bipyridylium-**2*A***		it should be stated which anion, ***A***, is present, e.g. diquat-dibromide	—	3
diuron	***N′*-(3,4-dichlorophenyl)-*NN*-dimethylurea**		—	DCMU DMU	3
DNOC	**2-methyl-4,6-dinitrophenol** 2,4-dinitro-6-methylphenol 2,4-dinitro-*o*-cresol 3,5-dinitro-*o*-cresol		it should be stated which salt is present, e.g. DNOC-Na	DNC dinitro-cresol	1,3
dodine	**dodecylguanidine**		it should be stated which salt is present, e.g. dodine acetate	—	2

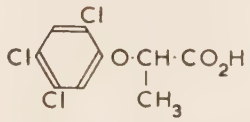
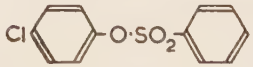
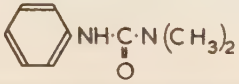
* The change in the scope of diquat from previous editions has been made to bring it in line with paraquat.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
endothal	**7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid** 3,6-epoxycyclohexane-1,2-dicarboxylic acid* 3,6-endoxohexahydrophthalic acid		it should be stated which salt is present, e.g. endothal-Na	—	3
endothion	***S*-(5-methoxy-4-pyron-2-ylmethyl) dimethyl phosphorothiolate** *S*-(5-methoxy-4-pyron-2-ylmethyl) *OO*-dimethyl phosphorothioate		—	—	1
endrin	**1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*exo*-1,4-*exo*-5,8-dimethanonaphthalene** 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*endo*-1,4-*endo*-5,8-dimethanonaphthalene*		—	—	1

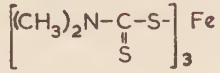
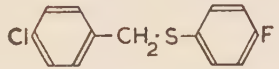
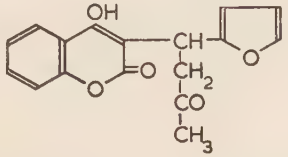
* This name accords with the usage of the American Chemical Society.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
etem	**hexahydro-2,7-dithio-1,3,6-thiadiazepine**		—	UCP/21	2
ethion	**tetraethyl *SS′*-methylene bis(phosphorothiolothionate)** *OOO′O′*-tetraethyl *SS′*-methylene di(phosphorodithioate)		—	—	1
fenchlorphos	**dimethyl 2,4,5-trichlorophenyl phosphorothionate** *OO*-dimethyl *O*-(2,4,5-trichlorophenyl) phosphorothioate		—	ronnel*	1

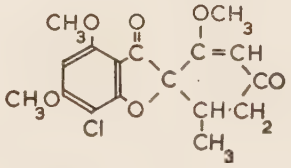
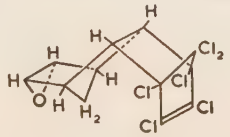
* American Standards Association common name.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
fenoprop	**2-(2,4,5-trichlorophenoxy)propionic acid** α-2,4,5-trichlorophenoxypropionic acid		it should be stated which salt is present, e.g. fenoprop-Na	silvex* 2,4,5-TP	3
fenson	**4-chlorophenyl benzenesulphonate** *p*-chlorophenyl benzenesulphonate		—	PCPBS CPBS	1
fenthion	**dimethyl 3-methyl-4-methylthiophenyl phosphorothionate** *OO*-dimethyl *O*-(3-methyl-4-methylthiophenyl) phosphorothioate		—	—	1
fenuron	***NN*-dimethyl-*N′*-phenylurea**		—	—	3

* American Standards Association common name.

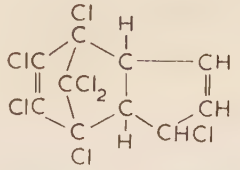
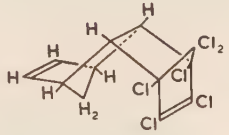
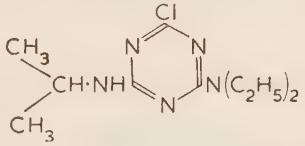
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
ferbam	ferric dimethyldithiocarbamate		—	—	2
fluorbenside	4-chlorobenzyl 4-fluorophenyl sulphide		—	—	1
fumarin	3-(α-acetonylfurfuryl)-4-hydroxycoumarin		—	coumafuryl*	4
gamma-BHC	*see under* BHC				

* Coumafuryl is being considered by the International Organization for Standardization for adoption as a common name (see Appendix A).

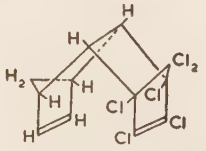
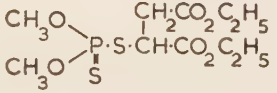
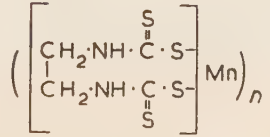
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
griseofulvin*	**7-chloro-4,6-dimethoxycoumaran-3-one-2-spiro-1′-(2′-methoxy-6′-methylcyclohex-2′-en-4′-one)** 7-chloro-4,6,2′-trimethoxy-6′-methylgris-2′-en-3,4′-dione		—	—	2
HEOD	**1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*exo*-1,4-*endo*-5,8-dimethanonaphthalene** 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*endo*-1,4-*exo*-5,8-dimethanonaphthalene†		—	—	1

* Griseofulvin is an approved name of the British Pharmacopœia Commission.

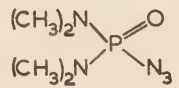
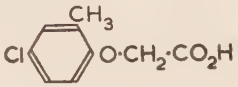
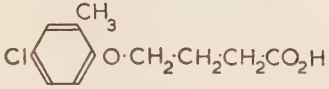
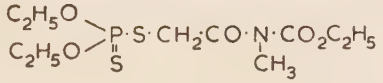
† This second name accords with the usage of the American Chemical Society.

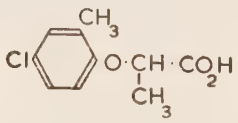
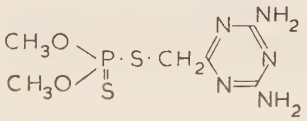
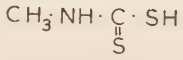
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
heptachlor	**1,4,5,6,7,10,10-heptachloro-4,7,8,9-tetrahydro-4,7-methyleneindene** 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene		—	—	1
HHDN	**1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-*exo*-1,4-*endo*-5,8-dimethanonaphthalene** 1, 2, 3, 4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-*endo*-1,4-*exo*-5,8-dimethanonaphthalene*		—	—	1
ipazine	**2-chloro-6-diethylamino-4-isopropylamino-1,3,5-triazine**		—	—	3

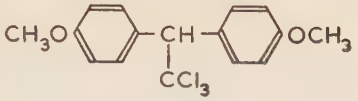
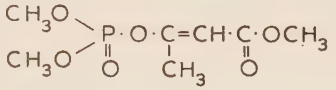
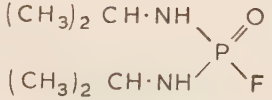
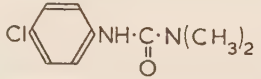
* This second name accords with the usage of the American Chemical Society.

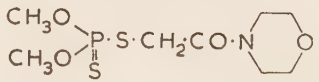
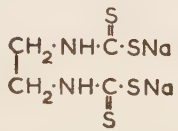
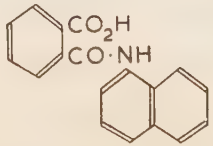
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
isodrin	**1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-*exo*-1,4-*exo*-5,8-dimethanonaphthalene** 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-*endo*-1,4-*endo*-5,8-dimethanonapthalene*		—	—	1
malathion	***S*-[1,2-di(ethoxycarbonyl)ethyl] dimethyl phosphorothiolothionate** *S*-[1,2-di(ethoxycarbonyl)ethyl] *OO*-dimethyl phosphorodithioate		—	—	1
maneb	**manganese ethylene-1,2-bisdithiocarbamate**		—	—	2

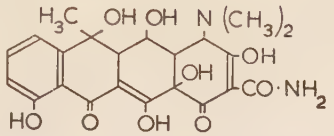
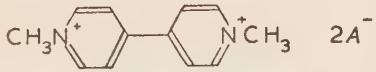
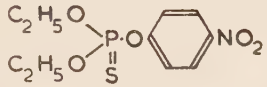
* This second name accords with the usage of the American Chemical Society.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
mazidox	***NNN′N′*-tetramethylphosphorodiamidic azide** bis(dimethylamino)azidophosphine oxide azidobis(dimethylamino)phosphine oxide		—	—	1
MCPA	**4-chloro-2-methylphenoxyacetic acid** 2-methyl-4-chlorophenoxyacetic acid		it should be stated which salt or ester is present, e.g. MCPA-Na	MCP 4K,2M	3
MCPB	**4-(4-chloro-2-methylphenoxy)butyric acid** γ-4-chloro-2-methylphenoxybutyric acid		it should be stated which salt or ester is present, e.g. MCPB-Na	—	3
mecarbam	***S*-(*N*-ethoxycarbonyl-*N*-methylcarbamoylmethyl) diethyl phosphorothiolothionate** *S*-(*N*-ethoxycarbonyl-*N*-methylcarbamoylmethyl) *OO*-diethyl phosphorodithioate		—	—	1

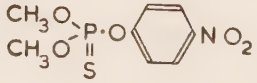
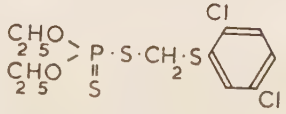
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
mecoprop	(±)-**2-(4-chloro-2-methylphenoxy)propionic acid** (±)-α-(4-chloro-2-methylphenoxy)propionic acid		it should be stated which salt or ester is present, e.g. mecoprop-K	CMPP MCPP	3
menazon	***S*-(4,6-diamino-1,3,5-triazin-2-yl methyl) dimethyl phosphorothiolothionate** *S*-(4,6-diamino-1,3,5-triazin-2-yl methyl) *OO*-dimethyl phosphorodithioate		—	—	1
metham	***N*-methyldithiocarbamic acid**		it should be stated which salt or ester is present, e.g. metham-Na	—	1,2,3

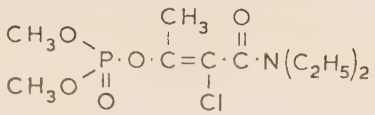
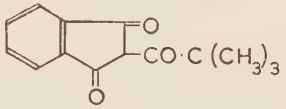
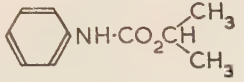
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
methoxychlor	**1,1,1-trichloro-2,2-di-(4-methoxyphenyl)ethane**		—	methoxy-DDT DMDT dimethoxy-DT	1
mevinphos	**2-methoxycarbonyl-1-methylvinyl dimethyl phosphate** methyl 3-(dimethoxyphosphinyloxy)crotonate		—	—	1
mipafox	***NN'*-di-isopropylphosphorodiamidic fluoride** bis(monoisopropylamino)fluorophosphine oxide fluorobis(isopropylamino)phosphine oxide		—	—	1
monuron	***N'*-(4-chlorophenyl)-*NN*-dimethylurea** *N'*-*p*-chlorophenyl-*NN*-dimethylurea		—	CMU	3

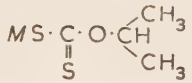
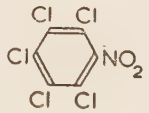
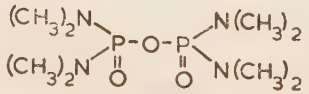
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
morphothion	**dimethyl *S*-(morpholinocarbonylmethyl) phosphorothiolothionate** *OO*-dimethyl *S*-(morpholinocarbonylmethyl) phosphorodithioate		—	—	1
nabam	**disodium ethylene-1,2-bisdithiocarbamate**		—	—	2
naptalam	***N*-1-naphthylphthalamic acid**		—	panala NPA NP	3

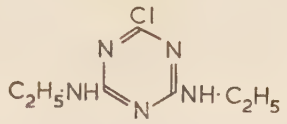
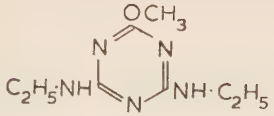
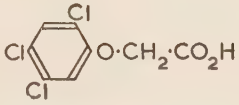
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
oxytetracycline*	**4-dimethylamino-1,4,4a,5,5a,6,11,12a-octahydro-3,5,6,10,12,12a-hexahydroxy-6-methyl-1,11-dioxonaphthacene-2-carboxamide**		—	—	2
paraquat	**1,1′-dimethyl-4,4′-bipyridylium-2*A*** 1,1′-dimethyl-4,4′-dipyridyl-2*A*		it should be stated which anion, *A*, is present, e.g. paraquat-di(methylsulphate) or paraquat-dichloride	—	3
parathion	**diethyl 4-nitrophenyl phosphorothionate** *OO*-diethyl *O*-(4-nitrophenyl) phosphorothioate *OO*-diethyl *O*-*p*-nitrophenyl phosphorothioate		—	—	1

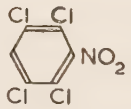
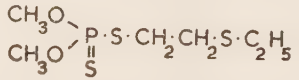
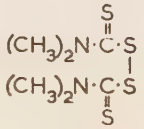
* Oxytetracycline is an approved name of the British Pharmacopœia Commission.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
parathion-methyl	**dimethyl 4-nitrophenyl phosphorothionate** *OO*-dimethyl *O*-(4-nitrophenyl) phosphorothioate *OO*-dimethyl *O*-*p*-nitrophenyl phosphorothioate		—	—	1
phenkapton	***S*-(2,5-dichlorophenylthiomethyl) diethyl phosphorothiolothionate** *S*-(2,5-dichlorophenylthiomethyl) *OO*-diethyl phosphorodithioate		—	—	1
phorate	**diethyl *S*-(ethylthiomethyl) phosphorothiolothionate** *OO*-diethyl *S*-(ethylthiomethyl) phosphorodithioate		—	—	1

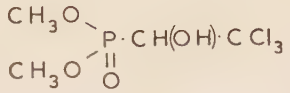
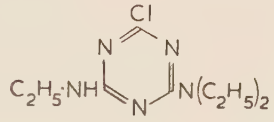
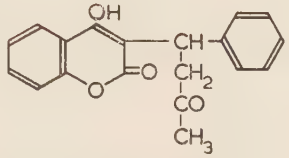
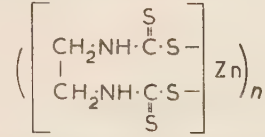
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
phosphamidon	2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate		—	—	1
pindone	2-pivaloylindane-1,3-dione		—	—	4
propham	isopropyl *N*-phenylcarbamate *iso*propyl phenylcarbamate		—	IPC IPPC	3

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
proxan	***M* isopropyl xanthate** *M iso*propylxanthate		it should be stated which metal, ***M***, is present, e.g. proxan-Na	—	3
quintozene	**pentachloronitrobenzene**		—	PCNB	2
schradan	**bis-*NNN′N′*-tetramethylphosphorodiamidic anhydride** bis(dimethylamino)phosphonous anhydride octamethylpyrophosphoramide tetrakisdimethylaminophosphonous anhydride		—	—	1

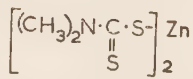
Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
simazine	**2-chloro-4,6-bisethylamino-1,3,5-triazine** 2-chloro-4,6-di(ethylamino)-*sym*-triazine		—	—	3
simeton	**4,6-bisethylamino-2-methoxy-1,3,5-triazine**		—	—	3
sulfotep	**bis-*OO*-diethylphosphorothionic anhydride** bis-*OO*-diethylphosphorothioic anhydride tetraethyl dithiopyrophosphate		—	dithio thiotep dithioTEPP	1
2,4,5-T	**2,4,5-trichlorophenoxyacetic acid**		it should be stated which salt or ester is present, e.g. 2,4,5-T-Me	—	3

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
tecnazene	**1,2,4,5-tetrachloro-3-nitrobenzene** 2,3,5,6-tetrachloronitrobenzene		—	TCNB	2
TEPP	**bis-*OO*-diethylphosphoric anhydride** tetraethyl pyrophosphate		—	ethylpyro-phosphate*	1
thiometon	***S*-[2-(ethylthio)ethyl] dimethyl phosphorothiolothionate** *S*-[2-(ethylthio)ethyl] *OO*-dimethyl phosphorodithioate		—	—	1
thiram	**bis(dimethylthiocarbamoyl) disulphide** tetramethylthiuram disulphide		—	TMT TMTD	2
toxaphene	**chlorinated camphene** (67-69 per cent chlorine)	structure unknown	—	—	1

* Ethylpyrophosphate is an approved name of the British Pharmacopœia Commission.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
trichlorphon	**dimethyl 2,2,2-trichloro-1-hydroxyethyl phosphonate**		—	—	1
trietazine	**2-chloro-4-diethylamino-6-ethylamino-1,3,5-triazine**		—	—	3
warfarin*	**3-(α-acetonylbenzyl)-4-hydroxycoumarin** 3-(α-phenyl-β-acetylethyl)-4-hydroxycoumarin		—	—	4
zineb	**zinc ethylene-1,2-bisdithiocarbamate**		—	—	2

* Warfarin is an approved name of the British Pharmacopœia Commission.

Recommended common name	Chemical name	Chemical formula	Remarks	Other names	Class
ziram	zinc dimethyldithiocarbamate		—	—	2

APPENDIX A

COMMON NAMES CONSIDERED BY ISO BUT NOT RECOMMENDED IN THIS BRITISH STANDARD

The following chemicals have been considered by the International Organization for Standardization (ISO) to require common names. Amitrole and erbon are in conflict with existing trade mark registrations in the U.K. The remainder are being considered by the B.S.I. Committee responsible for common names for pesticides and may be adopted as common names in the U.K. at a later date if found to be free from conflict. All common names in this list are, at the time of publication, at the Draft ISO Recommendation stage.

Draft ISO common name	Chemical name(s)
amitrole*	**3-amino-1,2,4-triazole**
coumafuryl†	**3-(α-acetonylfurfuryl)-4-hydroxycoumarin**
dinoprop	**2-isopropyl-3-methyl-4,6-dinitrophenol**
dioxathion	**1,4-dioxan-2,3-ylidene *SS*-bis-(*OO*-diethyl phosphorodithioate)**
disul‡	**2-(2,4-dichlorophenoxy)ethyl hydrogen sulphate**
erbon	**2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate**
glyodin	**2-heptadecyl-2-imidazoline ‖**
neburon	***N*-butyl-*N′*-(3,4-dichlorophenyl)-*N*-methylurea**
oxine-copper or **oxine-Cu**	complex of **copper** and **8-hydroxyquinoline** cupric 8-quinolinolate
tetradifon	**2,4,5,4′-tetrachlorodiphenyl sulphone**

* This compound is listed in Appendix B as aminotriazole.
† In the U.K. the common name **fumarin** has been standardized (see page 25).
‡ In the U.K. the common name **2,4-DES** has been standardized(see page 17).
‖ **It should be stated which salt is present (e.g. glyodin-acetate).**

APPENDIX B

PESTICIDE CHEMICALS NOT REQUIRING COMMON NAMES

allyl alcohol*
aminotriazole
ammonium sulphamate
azobenzene*
barium silicofluoride
(barium fluorosilicate)
calcium arsenate
calcium cyanide
carbon disulphide*
carbon tetrachloride*
chloranil*
chloroform*
chloropicrin
cinerins
copper acetate
copper acetoarsenite*
copper arsenate
(tetra)copper calcium oxychloride
copper carbonate, basic
copper naphthenate
copper oleate
copper oxychloride*
copper silicate
copper sulphate*
copper zinc chromate
cuprous oxide*
o-dichlorobenzene*
p-dichlorobenzene
di-n-butyl phthalate
1,2-dichloropropane
1,3-dichloropropene
dimethyl phthalate*
diphenyl sulphone
ethylene dibromide
(1,2-dibromoethane)
ethylene dichloride
(1,2-dichloroethane*)
ethylene oxide*
N-(ethylmercury)-*p*-toluene sulphonanilide
[*N*-(ethylmercuri)di(toluene-*p*-sulphonyl)imine]
ethylmercury 2,3-hydroxypropylmercaptide
[3-(ethylmercurithio)propane-1,2-diol]
ethylmercury bromide
ethylmercury chloride*
ethylmercury phosphate
(3-ethoxypropyl)mercury bromide
fluoroacetamide
formaldehyde
hydrogen cyanide*
lead arsenate
lime sulphur
maleic hydrazide
mercuric chloride*
mercuric oxide
mercurous chloride*
metaldehyde*
methoxyethylmercury chloride
methyl bromide
(bromomethane)
methylene chloride
(dichloromethane*)
methylmercury benzoate
methylmercury dicyandiamide
[*N*-cyano-*N'*-(methylmercury) guanidine]
methylmercury pentachlorophenoxide
monochloroacetic acid
(chloroacetic acid*)
naphthalene*
α-naphthaleneacetic acid
(1-naphthylacetic acid*)
nicotine*
nicotine sulphate
nonanol
(3,5,5-trimethylhexan-1-ol)
pentachlorophenol
phenylmercuriurea
phenylmercury acetate*
phenylmercury chloride
phenylmercury derivative of pyrocatechol
phenylmercury nitrate
phenylmercury salicylate
2-phenylphenol
piperonyl butoxide
{5-[2-(2-butoxyethoxy)ethoxymethyl]-6-propyl-1,3-benzodioxole}
potassium arsenite
potassium cyanate
potassium polysulphide
potassium thiocyanate*
pyrethrins
rotenone
salicylanilide*
sodium arsenite
sodium chlorate
sodium cyanide
sodium fluoride
sodium fluoroacetate
sodium polysulphide
sodium silicofluoride
(sodium fluorosilicate*)
sodium thiocyanate*
sodium trichloroacetate
strychnine*
sulphur*
sulphuric acid*
tetrachloroethane
thallium sulphate*
tolylmercury acetate
trichloroacetic acid*
2,3,6-trichlorobenzoic acid
zinc phosphide*

* As named in B.S. 2474, ' Recommended names for chemicals used in industry '.

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